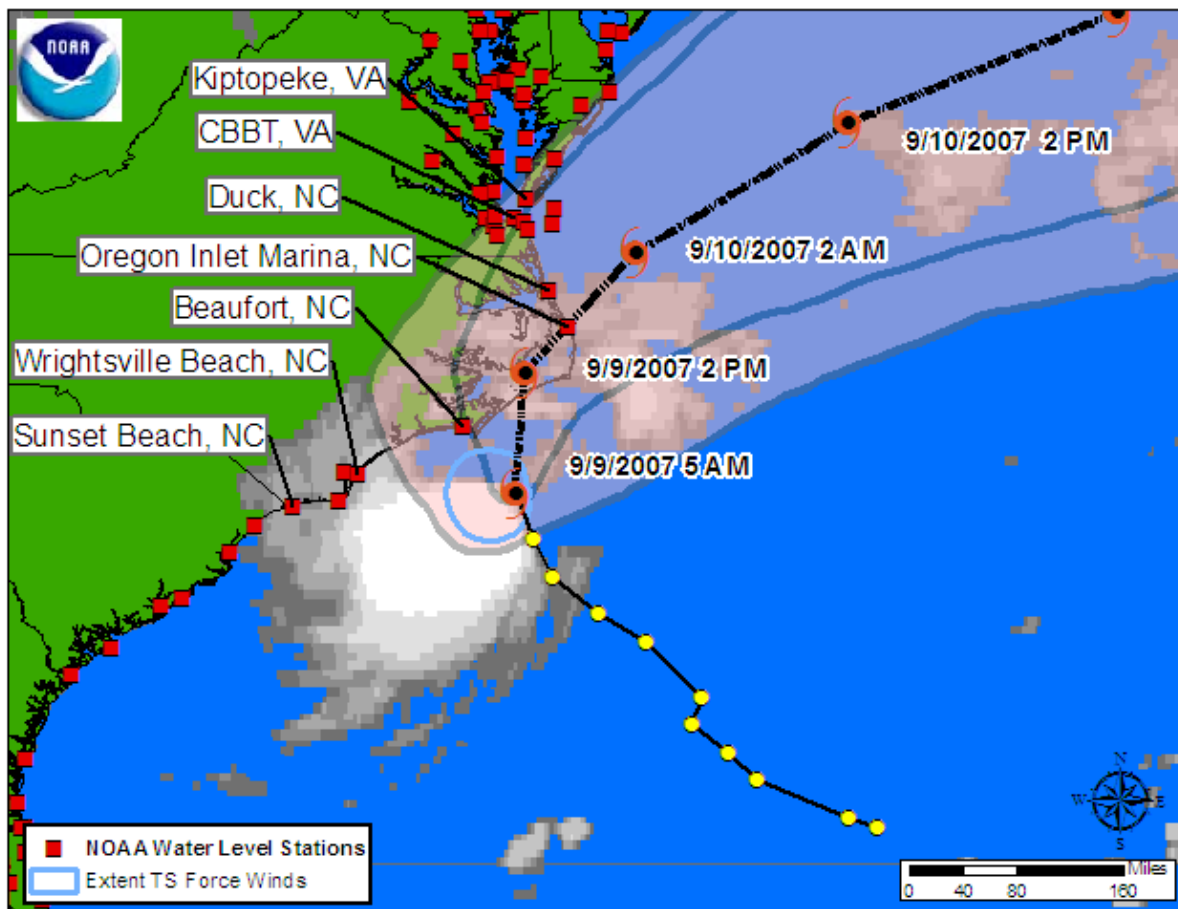




Tropical Storm GABRIELLE QUICKLOOK
Posted: 06:30 EDT 09/09/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Water level and meteorological plots below are updated automatically.

As of 9/9/2007 0630 EDT water levels along North Carolina coast and at the mouth of the Chesapeake Bay remain near or at predicted. Barometric (sea level) pressure is falling.

Next high tide predictions

Sunset Beach, NC: 0640 EDT 5.0 ft (1.5 m)
Beaufort, NC: 0709 EDT 3.2 ft (0.98 m)
Wrightsville Beach, NC: 0624 EDT 4.1 ft (1.2 m)
Oregon Inlet Marina, NC: 0709 EDT 1.2 ft (0.36 m)
Duck, NC: 0709 EDT 3.2 ft (0.98 m)
CBBT, VA: 0739 EDT 2.8 ft (0.85 m)

Kiptopeke, VA: 0802 EDT 2.8 ft (0.85 m)

For more data, please see the [CO-OPS Tides & Currents page](#). For information about this product, please see the [Storm QuickLook homepage](#).

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

**ADVISORY NUMBER 6
500 AM EDT SUN SEP 09 2007**

GABRIELLE EXPECTED TO MOVE OVER THE OUTER BANKS LATER TODAY COULD STRENGTHEN BEFORE LANDFALL.

AT 500 AM EDT THE CENTER OF TROPICAL STORM GABRIELLE WAS LOCATED NEAR LATITUDE 34.0 NORTH LONGITUDE 76.1 WEST OR ABOUT 50 MILES SOUTHEAST OF CAPE LOOKOUT NORTH CAROLINA.

GABRIELLE IS MOVING TOWARD THE NORTH-NORTHWEST NEAR 10 MPH. GABRIELLE IS EXPECTED TO TURN TO THE NORTH LATER TODAY AND THEN TO THE NORTHEAST TONIGHT. ON THIS TRACK THE CENTER OF GABRIELLE WOULD BE MOVING ACROSS THE OUTER BANKS THIS AFTERNOON.

MAXIMUM SUSTAINED WINDS ARE NEAR 45 MPH WITH HIGHER GUSTS. SOME STRENGTHENING IS EXPECTED PRIOR TO LANDFALL.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 45 MILES FROM THE CENTER.

THE LATEST MINIMUM CENTRAL PRESSURE REPORTED BY AN AIR FORCE RESERVE UNIT RECONNAISSANCE AIRCRAFT WAS 1004 MB.

COASTAL STORM SURGE FLOODING OF 2 TO 3 FEET IS POSSIBLE WITHIN THE WARNING AREA AS GABRIELLE PASSES NEAR OR OVER THE COAST.

GABRIELLE IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 1 TO 3 INCHES ACROSS COASTAL SECTIONS OF NORTH CAROLINA AND SOUTHEASTERN VIRGINIA WITH ISOLATED MAXIMUM AMOUNTS OF 5 INCHES.

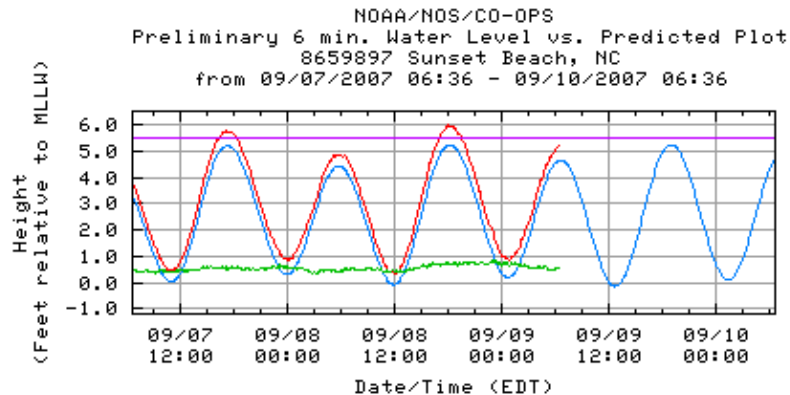
ISOLATED TORNADOES ARE POSSIBLE OVER THE OUTER BANKS TODAY.

Water level analyst: LEF

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Sunset Beach - Water Level](#), [Beaufort - Water Level](#), [Wrightsville Beach - Water Level](#), [Wrightsville Beach - Winds](#), [Wrightsville Beach - Barometric](#), [Oregon Inlet Marina - Water Level](#), [Duck - Water Level](#), [Duck - Barometric](#), [Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#), [Chesapeake Bay Bridge Tunnel - Barometric](#), [Kiptopeke - Water Level](#),

Sunset Beach, NC - Station Map [Return to List](#)

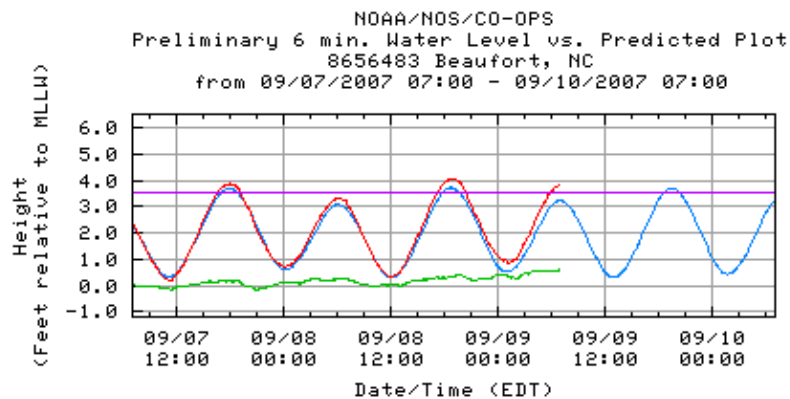


Last Observed Sample: 09/09/2007 06:24 (EDT)

Relative to **MLLW**: **Observed: 5.21 ft. Predicted: 4.65 ft. Residual: 0.56 ft.**

Historical Maximum Water Level: n/a

Beaufort, NC - Station Map [Return to List](#)

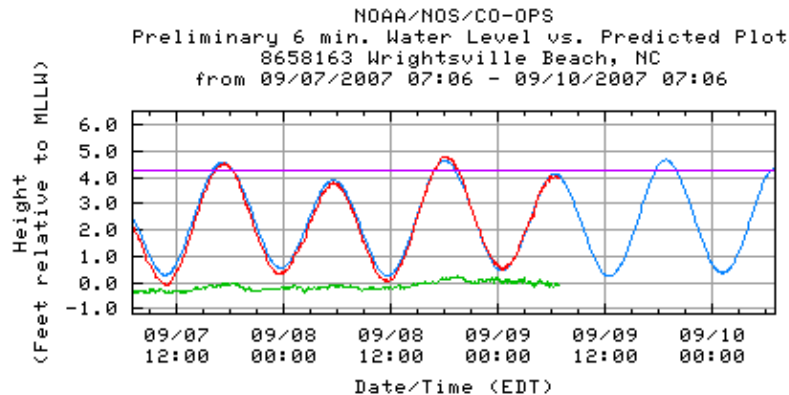


Last Observed Sample: 09/09/2007 06:48 (EDT)

Relative to **MLLW**: **Observed: 3.86 ft. Predicted: 3.23 ft. Residual: 0.63 ft.**

Historical Maximum Water Level: 09/16/1999, 2.74 ft. above **MHHW**

Wrightsville Beach, NC - Station Map [Return to List](#)

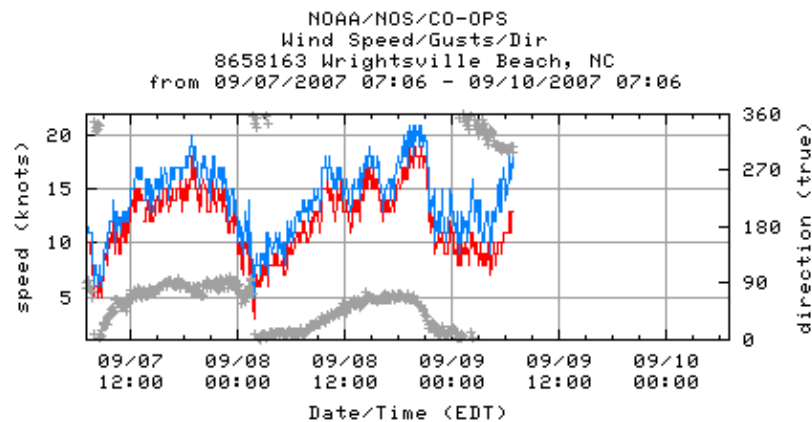


Last Observed Sample: 09/09/2007 06:54 (EDT)

Relative to **MLLW**: **Observed: 3.97 ft. Predicted: 4.07 ft. Residual: -0.10 ft.**

Historical Maximum Water Level: n/a

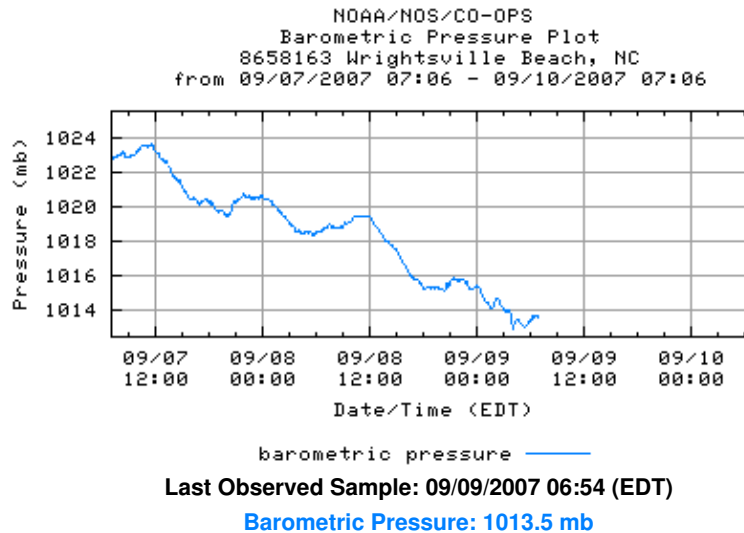
Wrightsville Beach, NC - Station Map [Return to List](#)



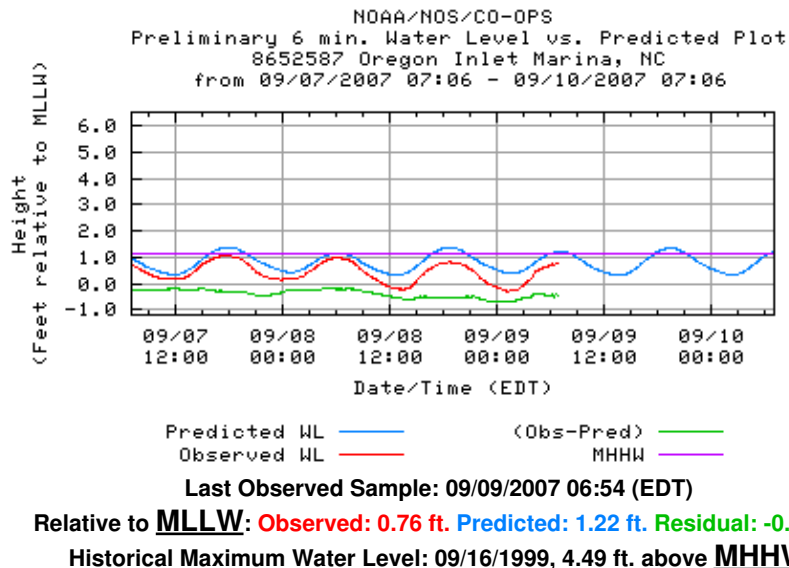
Last Observed Sample: 09/09/2007 06:54 (EDT)

Wind Speed: 13 knots Gusts: 17 knots Direction: 299° T

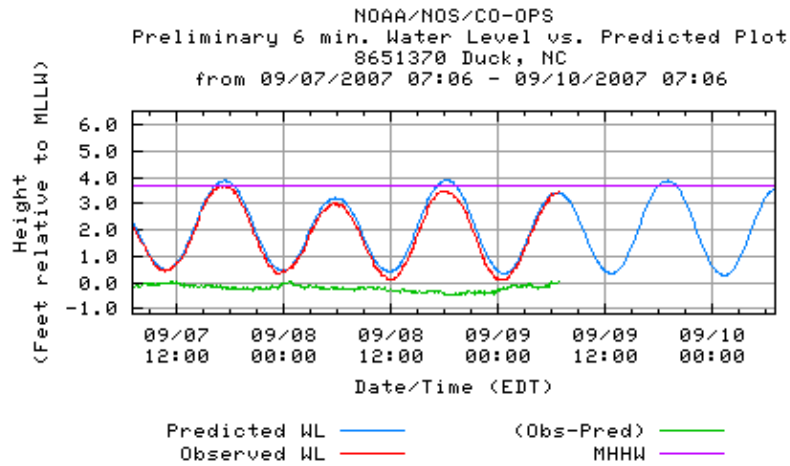
Wrightsville Beach, NC - Station Map [Return to List](#)



Oregon Inlet Marina, NC - Station Map [Return to List](#)



Duck, NC - Station Map [Return to List](#)

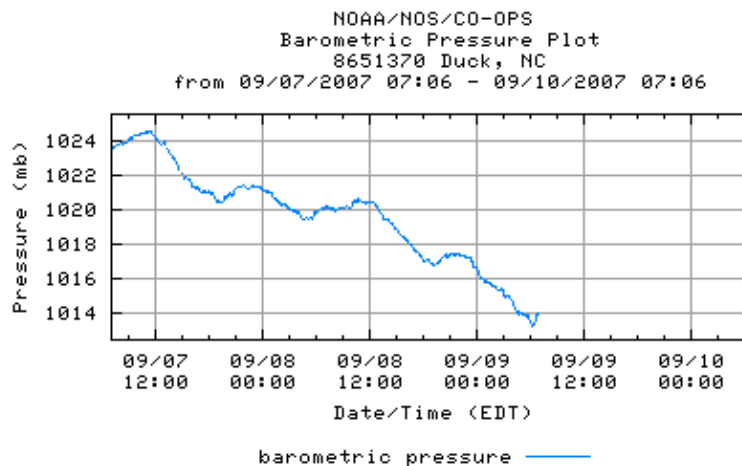


Last Observed Sample: 09/09/2007 06:54 (EDT)

Relative to **MLLW**: **Observed: 3.45 ft. Predicted: 3.41 ft. Residual: 0.04 ft.**

Historical Maximum Water Level: 08/30/1999, 3.23 ft. above **MHHW**

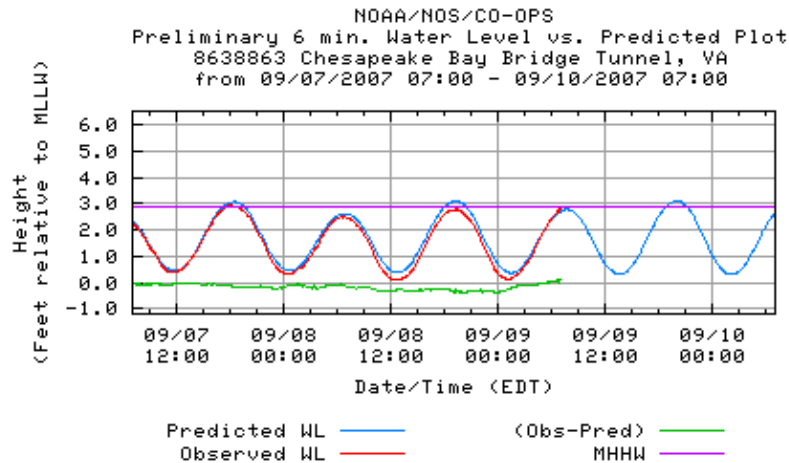
Duck, NC - Station Map [Return to List](#)



Last Observed Sample: 09/09/2007 06:54 (EDT)

Barometric Pressure: 1013.8 mb

Chesapeake Bay Bridge Tunnel, VA - Station Map [Return to List](#)

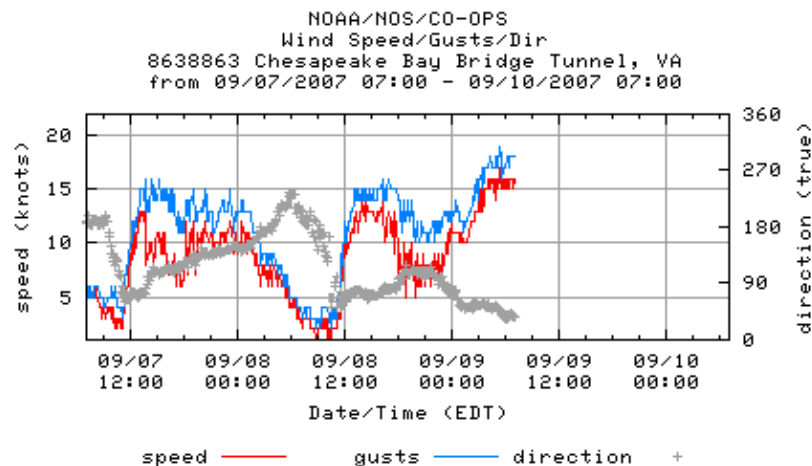


Last Observed Sample: 09/09/2007 06:54 (EDT)

Relative to **MLLW**: **Observed: 2.82 ft. Predicted: 2.70 ft. Residual: 0.12 ft.**

Historical Maximum Water Level: 02/05/1998, 3.68 ft. above **MHHW**

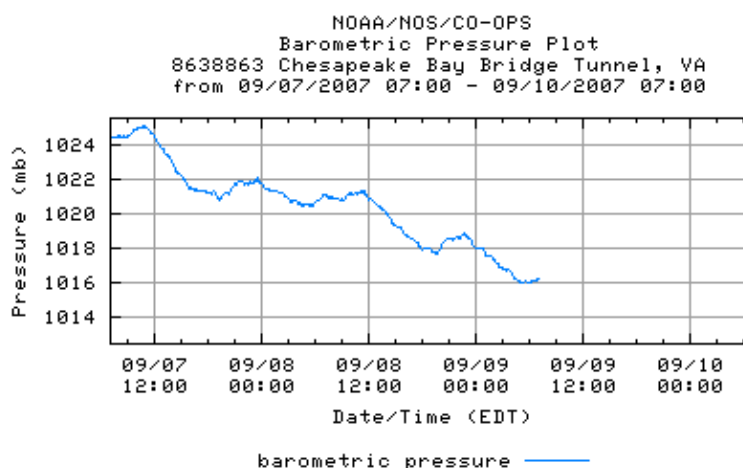
Chesapeake Bay Bridge Tunnel, VA - Station Map [Return to List](#)



Last Observed Sample: 09/09/2007 06:54 (EDT)

Wind Speed: 16 knots Gusts: 18 knots Direction: 038° T

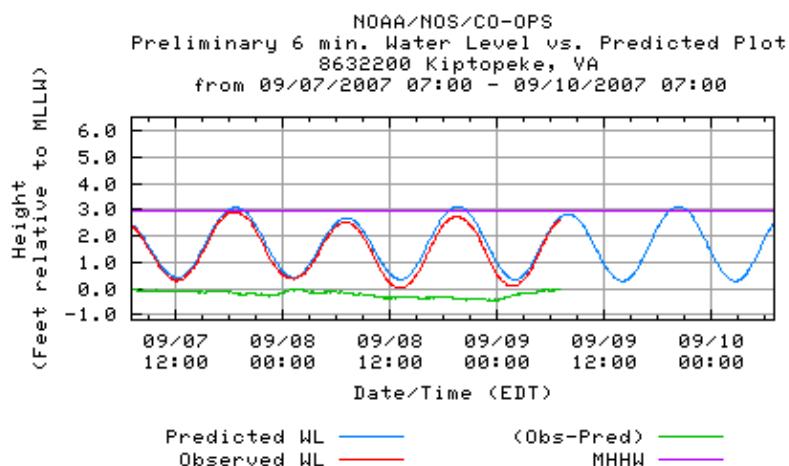
Chesapeake Bay Bridge Tunnel, VA - Station Map [Return to List](#)



Last Observed Sample: 09/09/2007 06:54 (EDT)

Barometric Pressure: 1016.2 mb

Kiptopeke, VA - Station Map [Return to List](#)



Last Observed Sample: 09/09/2007 06:54 (EDT)

Relative to **MLLW**: Observed: 2.62 ft. Predicted: 2.67 ft. Residual: -0.05 ft.

Historical Maximum Water Level: 03/08/1962, 4.13 ft. above **MHHW**

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Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce